

PICTURE OF THE MONTH

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This month precedent is being broken by showing an APT transmission received at a new foreign APT installation, instead of the usual AVCS picture. This photograph (fig. 1) was received from ESSA 4 at Bet Dagan, Israel, on March 21, 1967.

The synoptic situation at 0600 GMT on March 21 (fig. 2)

was characterized by a relatively complex Low over the eastern Mediterranean with a center near Crete and another near Cyprus.

Sand and dust storms were widespread and of exceptional height because of the vertical instability. A dust-haze shield can be seen extending from A to B. A narrow

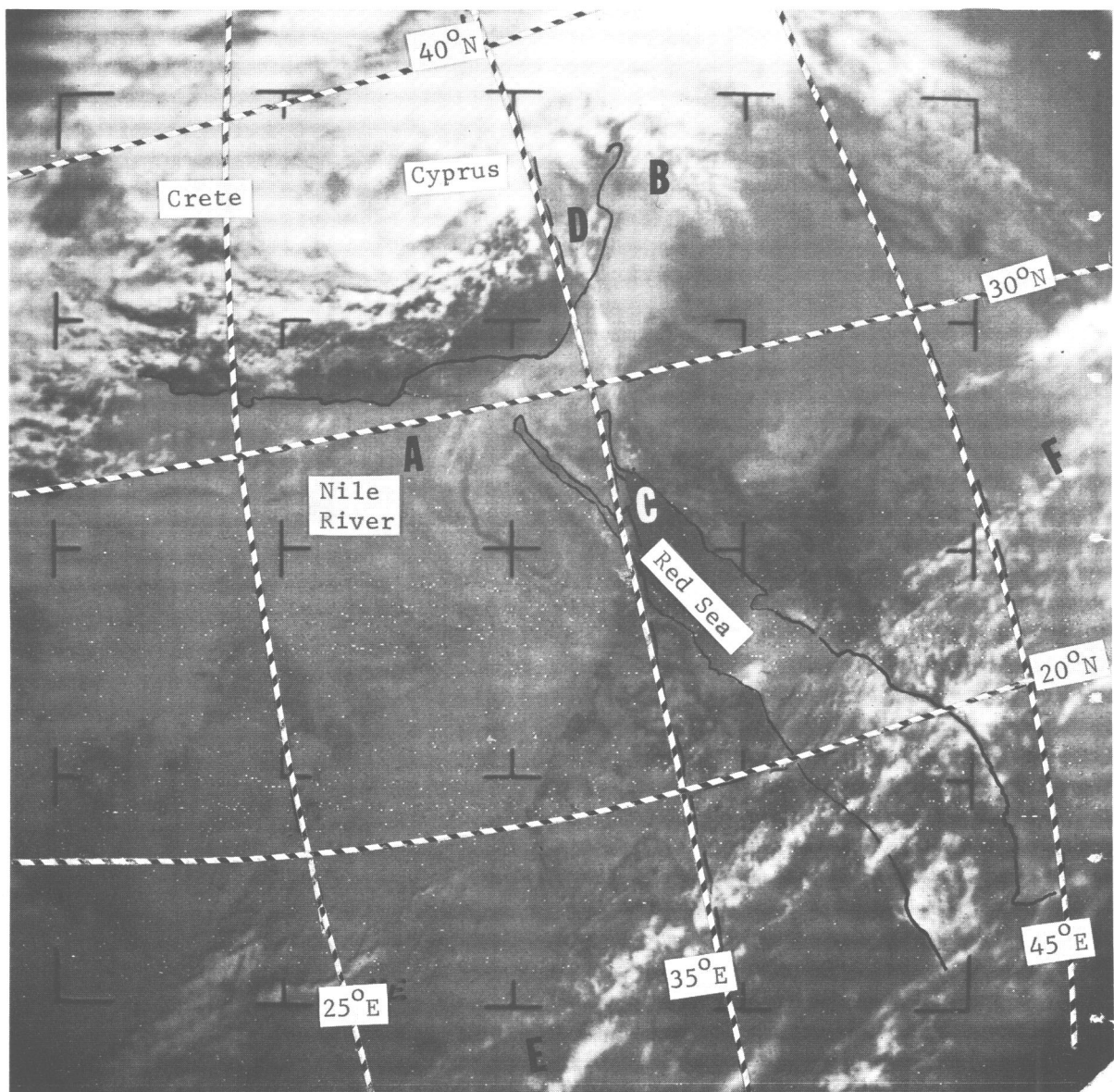


FIGURE 1.—ESSA 4, APT, pass 680, 0748 GMT, March 21, 1967.

squall line (C-D), oriented north-south through the dust haze shield, is visible. The passage of this squall line over the receiving station brought with it light rain and a marked change in wind speed and direction.

The cloud shield extending from E to F, across the Red

Sea, indicates the presence of a strong subtropical jet stream.

ACKNOWLEDGMENT

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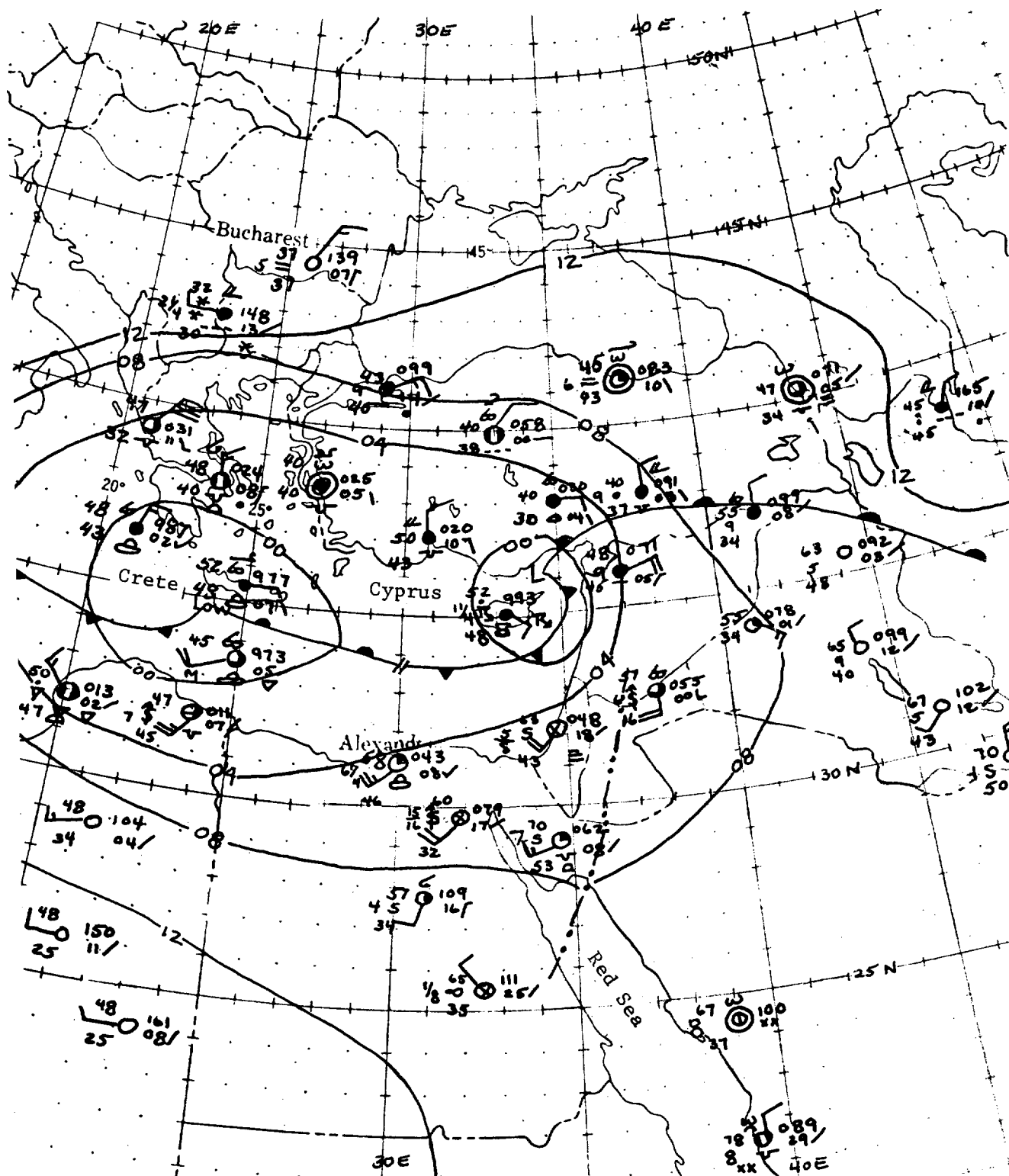


FIGURE 2.—Surface analysis, 0600 GMT, March 21, 1967.